UNITED STATES SOUTHWEST SUPERIOR QUADRANGLE DEPARTMENT OF THE INTERIOR WYOMING-SWEETWATER CO. **GEOLOGICAL SURVEY** 7.5 MINUTE SERIES (TOPOGRAPHIC) R.102 W. 108°00′ 41°52′30″ 57'30" R.101 W. 14 18 20 22 1991 24 30 30 32 34 (33) T.22N. T.22 N. T.21N. T.21 N. 10 12 R(50%) 0.38 1.26 0.07 0.04 WW. 195/ 18 47'30" — 47'30" 19 24 1881 0.01 0.01 30 /27/ 26 30 RB R(85%) RS-1 1.04 0.88 0.22 0.19 R.102 W. R.101 W. 108°52'30" Base from U.S. Geological Survey, 1958 Compiled in 1977/1978 SCALE 1:24 000 WYOMING QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE SOUTHWEST QUARTER OF THE SUPERIOR 15-MINUTE QUADRANGLE, SWEETWATER COUNTY, WYOMING

BY DAMES & MOORE 1979 OPEN FILE REPORT 79-128

PLATE 18 OF 26

EXPLANATION

Federal Government does not own the coal

NON-FEDERAL COAL LAND - Land for which the

rights.

ISOPACH - Showing thickness of coal, in feet. Arrow points toward area where coal bed is 5 feet or more thick.

La[3] - Lance [3] bed

RS-1 - Rock Springs No. 1

COAL BED SYMBOLS AND NAMES - Coal beds identified by bracketed numbers are not formally named, but are numbered for identification purposes in this quadrangle

RS-1- -- -- Shoring

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Arrow points toward coal-bearing area. Short dashed where inferred by present authors.

SUBSURFACE COAL MINE - Hachures point

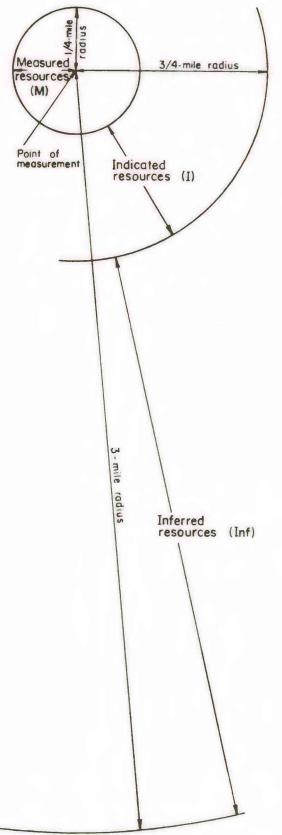
toward mined area. Dashed where approximately located.

TRACE OF FAULT - Bar and ball on downthrown side when direction of movement is known.

STRIPPING-LIMIT LINE - Boundary for surface mining (in this quadrangle, the 200-foot-overburden isopach). Arrow points toward the area suitable for surface mining where the recovery factor is 85 percent, and away from the area suitable for subsurface mining (down dip to the 3,000-foot-overburden isopach) where the recovery factor is 50 percent.

RB R(85%) RB R(50%)
0.04 0.03 — (Measured)
— — 0.01 0.01 (Indicated)
— — — (Inferred)

IDENTIFIED COAL RESOURCES - Showing totals for Reserve Base (RB) and Reserves (R), in millions of short tons, for each section or part of section of non-leased Federal coal land, both within and beyond the stripping-limit line. Reserve (R) tonnage is calculated by multiplying the Reserve Base (RB) tonnage by the appropriate recovery factor. Dash indicates no resource in that category.



BOUNDARY LINES - Enclosing areas of measured (M), indicated (I), and inferred (Inf) coal resources.

To convert feet to meters, multiply feet by 0.3048.

To convert short tons to metric tons, multiply short tons by 0.9072.

To convert miles to kilometers, multiply miles by 1.609.

This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

PLATE 18

AREAL DISTRIBUTION AND IDENTIFIED RESOURCES MAP OF THE ROCK SPRINGS NO. I COAL BED AND THE LANCE [3] COAL BED